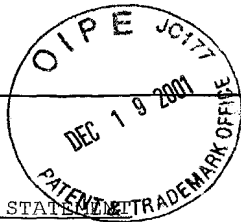


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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
0942.4460002/RWE/BJD

APPLICATION NO.  
09/697,079

APPLICANT  
Fox et al.

FILING DATE  
October 27, 2000

GROUP  
1655

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
DBJ	AA1	5,814,502	09/29/1998	Hoeltke et al.	435	188	03/11/1996
	AB1	5,587,287	12/24/1996	Scalice et al.	435	6	04/07/1994
	AC1	5,512,462	04/30/1996	Cheng, S.	435	91.2	02/25/1994
	AD1	5,436,149	07/25/1995	Barnes, W.M.	435	194	02/19/1993
	AE1	5,338,671	08/16/1994	Scalice et al.	435	91.2	10/07/1992
DBJ	AF1	6,140,086	10/31/2000	Fox et al.	435	91.14	08/14/1998
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
DBJ	AL1	WO 99/09197	02/25/1999	WIPO			Yes No
	AM1	WO 97/24455	07/10/1997	WIPO			Yes No
	AN1	WO 96/10640 A1	04/11/1996	WIPO			Yes No
	AO1	WO 92/06188 A2	04/16/1992	WIPO			Yes No
DBJ	AP1	WO 92/06200 A1	04/16/1992	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

DBJ	AR	1	Barnes, W.M, "The fidelity of Taq polymerase catalyzing PCR is improved by an N-terminal deletion," <i>Gene</i> 112:29-38, Elsevier Science B.V. (1992).
DBJ	AS	1	Bennett, B.L. and Molenaar, A.J., "Cloning of PCR Products Can Be Inhibited by Taq Polymerase Carryover," <i>BioTechniques</i> 16:32, 37, BPA International (1994).
DBJ	AT	1	Boehringer Mannheim Reagents for Molecular Biology catalog, 1990, pages 15, 23, Boehringer Mannheim GmbH (1990).

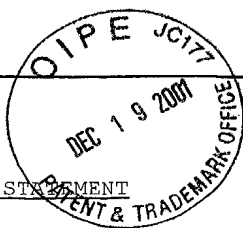
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

DRJ	AR	2	Dang, C. and Jayasena, S.D., "Oligonucleotide Inhibitors of Taq DNA Polymerase Facilitate Detection of Low Copy Number Targets by PCR," <i>J. Mol. Biol.</i> 264:268-278, Academic Press Limited (1996).
DRJ	AS	2	Flaman, J.-M. et al., "A rapid PCR fidelity assay," <i>Nucl. Acids Res.</i> 22:3259-3260, Oxford University Press (1994).
DRJ	AT	2	Fox, D. et al., "Prevention of Taq DNA Polymerase-Mediated Artifacts in PCR Product Cloning," <i>FOCUS</i> 20:15-16, Bethesda Research Laboratories (March 1998).

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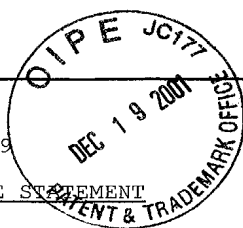
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DBJ	AR	3	Gerard, G.F., "Reverse Transcriptase: A Historical Perspective," <i>FOCUS</i> 20:65-67, Bethesda Research Laboratories (Fall 1998).
DBJ	AS	3	Innis, M.A., et al., "DNA sequencing with <i>Thermus aquaticus</i> DNA polymerase and direct sequencing of polymerase chain reaction-amplified DNA," <i>Proc. Natl. Acad. USA</i> 85:9436-9440, National Academy of Science (December 1988).
DBJ	AT	3	Kahl, G., "Dictionary of Gene Technology," New York: VCH Publishers, Inc., pp. 140, 411, 510 (1995).

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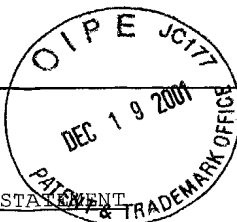
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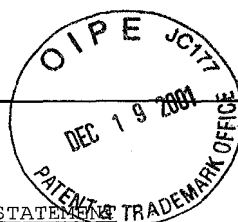
	AR	4	Kainz, P. et al., "Specificity-Enhanced Hot-Start PCR: Addition of Double-Stranded DNA Fragments Adapted to the Annealing Temperature," <i>BioTechniques</i> 28:278-282, BPA International (February 2000).
	AS	4	Kellogg, D.E. et al., "TaqStart Antibody™: "Hot Start" PCR Facilitated by a Neutralizing Monoclonal Antibody Directed Against Taq DNA Polymerase," <i>BioTechniques</i> 16:1134-1137, BPA International (1994).
	AT	4	Life Technologies, Inc., "GIBCO BRL Products and Reference Guide 1997/1998," pp. 19-18 to 19-19, Invitrogen Corporation (1997).

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	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

DBJ	AR	5	Lawyer, F.C. et al., "High-level Expression, Purification, and Enzymatic Characterization of Full-length <i>Thermus aquaticus</i> DNA Polymerase and a Truncated Form Deficient in 5' to 3' Exonuclease Activity," <i>PCR Meth. Appl.</i> 2:275-287, Cold Spring Harbor Laboratory Press (1993).
DBJ	AS	5	Lin, Y., and Jayasena, S.D., "Inhibition of Multiple Thermostable DNA Polymerases by a Heterodimeric Aptamer," <i>J. Mol. Biol.</i> 271:100-111, Academic Press Limited (August 1997).
DBJ	AT	5	Newton, C.R., "Thermostable DNA Polymerase," in: <i>PCR Essential Data</i> , C.R. Newton, Ed., New York: John Wiley & Sons, pp. 37-48 (1995).

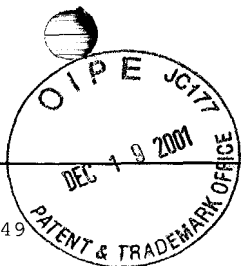
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

DBJ	AR	6	New England Biolabs, Beverly, MA, product information for VENT®, DEEPVENT™, and other thermophilic DNA polymerase, NEW 1996-1997 Products Catalogued, pp. 70-71, New England Biolabs, Inc. (1996).
DBJ	AS	6	Nilsson, J., et al., "Heat-Mediated Activation of Affinity-Immobilized Taq DNA Polymerase," BioTechniques 22:744-751, Elsevier Science (April 1997).
DBJ	AT	6	International Search Report of International Application No. PCT/US98/17004, November 19, 1998.

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